

DG452EY-T1-E3



Part Number: [DG452EY-T1-E3](#)

Manufacturer: [Electro-Films \(EFI\) / Vishay](#)

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [DG451-453](#)

RoHs Status: Lead free / RoHS Compliant

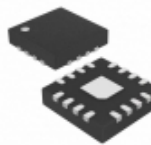
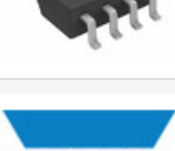
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG452EY-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	50910 pcs	Data sheet	DG451-453
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	12V
Voltage - Supply, Dual (V±)	±5 V ~ 15 V	Switch Time (Ton, Toff) (Max)	118ns, 97ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	DG452EY-T1-E3TR DG452EYT1E3
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	5.3 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 1:1 5.3 Ohm 16-SOIC
Current - Leakage (IS(off)) (Max)	500pA	Crosstalk	-85dB @ 1MHz
Charge Injection	22pC	Channel-to-Channel Matching (ΔRon)	120 mOhm
Channel Capacitance (CS(off), CD(off))	31pf, 34pF	Base Part Number	DG452
-3db Bandwidth	-		
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RELATED PRODUCTS			
	Part#: DG445ETE+ Description: IC SWITCH QUAD SPST 16TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: DG451EY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG453EY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG458AK/883 Description: IC MUX ANALOG SINGLE 8CH 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG445DYZ-T Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG458AZ/883 Description: IC MUX ANALOG SINGLE 8CH 20LCC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG454EY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG451EQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG445DYZ Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG456EQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG448DV-T1-E3 Description: IC SWITCH SPST 25 OHM 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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